**EAST Search History**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 6 | ("4553553" \| "4943282" \| "5207646").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/11 09:46 |
| L2 | 146 | o near ring syringe with container injector | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/05/11 09:52 |
| L3 | 1289 | 604/187.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/11 10:02 |
| L4 | 2 | l2 l3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/05/11 10:02 |
| L5 | 26 | ("4553553" \| "4943282" \| "5114406" \| "5207646" \| "5320609" \| "5666966" \| "6050977" \| "6494863" \| "6558357" \| "6620137" \| "6989001" \| "7278986" \| "7361160").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/05/11 10:05 |
| S1 | 18 | ("4813940" \| "5104384" \| "5267972" \| "5292314" \| "5376080" \| "5389085" \| "5403286" \| "5520639" \| "5993412").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 09:34 |
| S2 | 34 | slate.in. injection system | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/18 09:35 |

| S3 | 20 | ("3608540" \| "4421508" \| "4623332" \| "4722728" \| "5062830" \| "5116313" \| "5312335" \| "5399163" \| "5480381" \| "5520639" \| "5599302" \| "5730723" \| "5782802" \| "5891086" \| "5911703" \| "5957886" \| "6056716").PN. OR ("6406456").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 11:10 |
| S4 | 368 | 604/181.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 11:10 |
| S5 | 20 | ("3608540" \| "4421508" \| "4623332" \| "4722728" \| "5062830" \| "5116313" \| "5312335" \| "5399163" \| "5480381" \| "5520639" \| "5599302" \| "5730723" \| "5782802" \| "5891086" \| "5911703" \| "5957886" \| "6056716").PN. OR ("6406456").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 13:21 |
| S6 | 356 | 604/68.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 13:47 |
| S8 | 879 | automatic injector needle reservoir | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:03 |
| S9 | 673 | automatic injector needle reservoir change | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:03 |
| S10 | 153 | automatic injector needle reservoir change cartridge | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:08 |

| S11 | 122 | automatic injector multiple needle reservoir change cartridge | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:11 |
| S12 | 5 | automatic injector multiple reservoir needle near cartridge | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:13 |
| S13 | 5 | automatic injector multiple reservoir (needle near cartridge) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:13 |
| S14 | 5 | automatic injector multiple reservoir (needle near load) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:20 |
| S15 | 0 | (automatic near injector) (multiple near needle) reservoir (needle near move) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:21 |
| S16 | 0 | (automatic near injector) (multiple near needle) reservoir (needle near position) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:21 |
| S17 | 0 | (automatic near injector) (multi near needle) reservoir (needle near position) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:21 |
| S18 | 2 | (automatic near injector) (multi near needle) (needle near position) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:24 |

| S19 | 0 | (automatic near inject) (multi near needle) (needle near position) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:26 |
| S20 | 89 | 604/130.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:27 |
| S21 | 89 | 604/130.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/18 14:27 |
| S22 | 25 | ("3472367" \| "3520299" \| "3706260" \| "3774607"). PN. OR ("4004565"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 14:32 |
| S23 | 6 | ("4004565" \| "4077406" \| "4760834" \| "4771757" \| "5665363" \| "5874098"). PN. OR ("RE39014"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 14:32 |
| S24 | 36 | ("2832339" \| "2888924" \| "3318021" \| "3380449" \| "3391695" \| "4004565" \| "4077406" \| "4223674"). PN. OR ("4518384"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 14:41 |
| S25 | 929 | ("20010017269" \| "20010027328" \| "20010031931" \| "20010054319" \| "20020002344" \| "20020004196" \| "20020025469" \| "20020029058" \| "20020040230" \| "20020042090" \| "20020044890" \| "20020052618" \| "20020053523" \| "20020057993" \| "20020076349" \| "20020078091" \| "20020081588" \| "20020082543" \| "20020084196" \| "20020087056" \| "20020092612" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/18 14:50 |

```
"20020103499" |
"20020120216" |
"20020130042" |
"20020136667" |
"20020136863" |
"20020137998" |
"20020148739" |
"20020160520" |
"20020161289" |
"20020168290" |
"20020176984" |
"20020177761" |
"20020188224" |
"20030018282" |
"20030018300" |
"20030028126" |
"20030050573" |
"20030050656" |
"20030060730" |
"20030073089" |
"20030073229" |
"20030073931" |
"20030083685" |
"20030083686" |
"20030088191" |
"20030089730" |
"20030093010" |
"20030100040" |
"20030106810" |
"20030109777" |
"20030111357" |
"20030113827" |
"20030116447" |
"20030135333" |
"20030143113" |
"20030144608" |
"20030144609" |
"20030146110" |
"20030149348" |
"20030149377" |
"20030153900" |
"20030191415" |
"20030195435" |
"20030195540" |
"20030199744" |
"20030199789" |
"20030199790" |
"20030199791" |
"20030199891" |
"20030199893" |
"20030199894" |
"20030199896" |
"20030199897" |
"20030199898" |
"20030199899" |
"20030199900" |
```

```
"20030199901" |
"20030199902" |
"20030199903" |
"20030199904" |
"20030199905" |
"20030199906" |
"20030199907" |
"20030199908" |
"20030199909" |
"20030199910" |
"20030199911" |
"20030199912" |
"20030201194" |
"20030203352" |
"20030206828" |
"20030208140").PN. OR
("20030212344" |
"20030212345" |
"20030212346" |
"20030212347" |
"20030212423" |
"20030212424" |
"20030216767" |
"20030217918" |
"20030220552" |
"20030220663" |
"20030223906" |
"20030225429" |
"20030225430" |
"20030228637" |
"20030232370" |
"20030233055" |
"20030233112" |
"20030233113" |
"20040006285" |
"20040007585" |
"20040009100" |
"20040010279" |
"20040015064" |
"20040019250" |
"20040026243" |
"20040030353" |
"20040031682" |
"20040034318" |
"20040038045" |
"20040039303" |
"20040039342" |
"20040039407" |
"20040039408" |
"20040049220" |
"20040054267" |
"20040054898" |
"20040059256" |
"20040060818" |
"20040061841" |
"20040064068" |
```

```
"20040092995" |
"20040096991" |
"20040098010" |
"20040102803" |
"20040106858" |
"20040106859" |
"20040106860" |
"20040106904" |
"20040106941" |
"20040115754" |
"20040115831" |
"20040116829" |
"20040122339" |
"20040127818" |
"20040127819" |
"20040127928" |
"20040127929" |
"20040132167" |
"20040133125" |
"20040133127" |
"20040138588" |
"20040138688" |
"20040138841" |
"20040146958" |
"20040154932" |
"20040157017" |
"20040157149" |
"20040157319" |
"20040157338" |
"20040157339" |
"20040158137" |
"20040158271" |
"20040161737" |
"20040162473" |
"20040162474" |
"20040162506" |
"20040162573" |
"20040167383" |
"20040171057" |
"20040171968" |
"20040172000" |
"20040173472" |
"20040173488" |
"20040176705" |
"20040176732" |
"20040178066" |
"20040178067" |
"20040178216" |
"20040180379" |
"20040182703" |
"20040185568" |
"20040186359" |
"20040186394").PN. OR
("20040186500" |
"20040193201" |
"20040194302" |
```

"20040197231" |
"20040197821" |
"20040199062" |
"20040200720" |
"20040200721" |
"20040202576" |
"20040204662" |
"20040206625" |
"20040206636" |
"20040206658" |
"20040209307" |
"20040209350" |
"20040209354" |
"20040210279" |
"20040211666" |
"20040214253" |
"20040215224" |
"20040215225" |
"20040216516" |
"20040217019" |
"20040219535" |
"20040220456" |
"20040220495" |
"20040220603" |
"20040222092" |
"20040224369" |
"20040225230" |
"20040225311" |
"20040225312" |
"20040230216" |
"20040231984" |
"20040232009" |
"20040236250" |
"20040236251" |
"20040236268" |
"20040236362" |
"20040238357" |
"20040238358" |
"20040238359" |
"20040241746" |
"20040242977" |
"20040243164" |
"20040243165" |
"20040245101" |
"20040248282" |
"20040248312" |
"20040249310" |
"20040249311" |
"20040249405" |
"20040249406" |
"20040251131" |
"20040253634" |
"20040254434" |
"20040254599" |
"20040256228" |
"20040256248" |

```
"20040256685" |
"20040258564" |
"20040260204" |
"20040260324" |
"20040260325" |
"20040260326" |
"20040260511" |
"20040267105" |
"20040267160" |
"20040267229" |
"20040267299" |
"20040267300" |
"20050000806" |
"20050000807" |
"20050000808" |
"20050003470" |
"20050004494" |
"20050008537" |
"20050008851" |
"20050009191" |
"20050010090" |
"20050010093" |
"20050010134" |
"20050010137" |
"20050010198" |
"20050011759" |
"20050013731" |
"20050014997" |
"20050015020" |
"20050016844" |
"20050019212" |
"20050019219" |
"20050019805" |
"20050019945").PN. OR
("20050019953" |
"20050021066" |
"2714890" | "3086288" |
"3208452" | "3358689" |
"3494358" | "3626929" |
"3673475" | "3742954" |
"3832776" | "3953172" |
"4077406" | "4154228" |
"4203446" | "4223674" |
"4224125" | "4230118" |
"4340669" | "4353984" |
"4356826" | "4360016" |
"4391905" | "4391906" |
"4414975" | "4426451" |
"4426884" | "4449529" |
"4462405" | "4469110" |
"4517978" | "4518384" |
"4535773" | "4539988" |
"4545382" | "4553541" |
"4577630" | "4580564" |
"4580565" | "4595479" |
"4608997" | "4615340" |
```

"4616649" | "4619754" |
"4622974" | "4624253" |
"4627445" | "4637403" |
"4643189" | "4648408" |
"4653511" | "4653513" |
"4676244" | "4677979" |
"4711245" | "4712548" |
"4715374" | "4735203" |
"4750489" | "4787398" |
"4794926" | "4814142" |
"4814661" | "4820010" |
"4820399" | "4823806" |
"4824639" | "4827763" |
"4830959" | "4836904" |
"4844095" | "4850973" |
"4857274" | "4869249" |
"4869265" | "4873993" |
"4882013" | "4883068" |
"4889529" | "4892097" |
"4895147" | "4897173" |
"4900424" | "4911794" |
"4920977" | "4924879" |
"4945045" | "4948727" |
"4952515" | "4953552" |
"4966671" | "4976724" |
"4983178" | "4990154" |
"4995402" | "5010772" |
"5010774" | "5014718" |
"5026388" | "5029583" |
"5035704" | "5047044" |
"5054499" | "5059789" |
"5060174" | "5070886" |
"5074872" | "5089112" |
"5092842" | "5097810" |
"5100427" | "5100428" |
"5104380" | "5104619" |
"5108564" | "5116759" |
"5120420" | "5122244" |
"5126034" | "5128015" |
"5128171" | "5133730" |
"5139685" | "5141868").
PN. OR ("5145565" |
"5152775" | "5156611" |
"5163442" | "5170364" |
"5185256" | "5187100" |
"5188118" | "5189751" |
"5192415" | "5196025" |
"5201324" | "5205920" |
"5212879" | "5217480" |
"5222504" | "5229282" |
"5230866" | "5231993" |
"5250066" | "5253656" |
"5256998" | "5264103" |
"5264105" | "5264106" |
"5266179" | "5272087" |
"5279294" | "5282822" |

"5286362" | "5286364" |
"5288636" | "5304192" |
"5304193" | "5312590" |
"5314441" | "5314442" |
"5316012" | "5316229" |
"5318583" | "5320607" |
"5320808" | "5324302" |
"5324303" | "5332479" |
"5350392" | "5354287" |
"5354447" | "5356420" |
"5360410" | "5366469" |
"5366470" | "5366609" |
"5368047" | "5375397" |
"5378628" | "5382346" |
"5383885" | "5389534" |
"5393903" | "5395387" |
"5397334" | "5401376" |
"5402798" | "5407545" |
"5407554" | "5407818" |
"5409583" | "5410059" |
"5415169" | "5423847" |
"5436161" | "5437999" |
"5443701" | "5445920" |
"5454828" | "5456875" |
"5464418" | "5471102" |
"5472427" | "5474084" |
"5476474" | "5480387" |
"5487748" | "5496453" |
"5498542" | "5509410" |
"5510266" | "5512159" |
"5514152" | "5518006" |
"5524636" | "5525511" |
"5527333" | "5527334" |
"5529074" | "5540709" |
"5543326" | "5545174" |
"5547702" | "5554166" |
"5558834" | "5569286" |
"5569287" | "5571132" |
"5575403" | "5575895" |
"5582697" | "5584846" |
"5593852" | "5609749" |
"5613978" | "5620279" |
"5624537" | "5628764" |
"5628765" | "5628890" |
"5630986" | "5632410" |
"5643306" | "5645555" |
"5650062" | "5653863" |
"5657760" | "5658444").
PN. OR ("5662127" |
"5662672" | "5680872" |
"5682884" | "5683562" |
"5695947" | "5700695" |
"5705045" | "5708247" |
"5709668" | "5710011" |
"5714390" | "5720862" |
"5720924" | "5723284" |

"5727548" | "5730753" |
"5733300" | "5738244" |
"5741228" | "5741634" |
"5746217" | "5755733" |
"5758643" | "5759364" |
"5762770" | "5770369" |
"5772586" | "5772677" |
"5773270" | "5776157" |
"5776719" | "5782770" |
"5782852" | "5788651" |
"5788652" | "5795725" |
"5795774" | "5797940" |
"5797942" | "5798030" |
"5798031" | "5800781" |
"5801057" | "5810199" |
"5820551" | "5823973" |
"5824491" | "5830219" |
"5840020" | "5840171" |
"5846490" | "5849174" |
"5854074" | "5855801" |
"5857983" | "5860922" |
"5863800" | "5866353" |
"5868772" | "5869972" |
"5871494" | "5872713" |
"5873887" | "5876957" |
"5879311" | "5879373" |
"5880829" | "5882494" |
"5885211" | "5891053" |
"5900130" | "5906921" |
"5916156" | "5916229" |
"5916230" | "5921963" |
"5922188" | "5935075" |
"5938679" | "5951492" |
"5951582" | "5951836" |
"5954738" | "5958199" |
"5965380" | "5968063" |
"5971941" | "5972199" |
"5983193" | "5985116" |
"5993400" | "5997561" |
"5997817" | "5997818" |
"6001067" | "6020110" |
"6022324" | "6022366" |
"6027459" | "6030399" |
"6030827" | "6033421" |
"6033866" | "6036924" |
"6048352" | "6060327" |
"6063039" | "6066296" |
"6067463" | "6071249" |
"6071250" | "6071251" |
"6071294" | "6074360" |
"6077408" | "6080172" |
"6083710" | "6086562" |
"6090078" | "6093156" |
"6103033" | "6107083" |
"6117630" | "6120462").
PN. OR ("6120676" |

"6121009" | "6129823" |
"6132449" | "6133837" |
"6134461" | "6136013" |
"6139562" | "6143164" |
"6152942" | "6153069" |
"6155992" | "6156051" |
"6157442" | "6159424" |
"6162611" | "6171325" |
"6175752" | "6176865" |
"6177000" | "6183489" |
"6190612" | "6191852" |
"6192891" | "6193673" |
"6194900" | "6197257" |
"6203504" | "6206841" |
"6210420" | "6210421" |
"6212417" | "6214804" |
"6221238" | "6225078" |
"6228100" | "6230501" |
"6231531" | "6241862" |
"6245060" | "6251260" |
"6254831" | "6256533" |
"6258229" | "6258254" |
"6261241" | "6261245" |
"6268161" | "6270637" |
"6272359" | "6281006" |
"6283926" | "6283982" |
"6284478" | "6285448" |
"6285454" | "6290683" |
"6295506" | "6299757" |
"6302855" | "6306104" |
"6306152" | "6306347" |
"6309535" | "6312612" |
"6315738" | "6319210" |
"6322574" | "6331163" |
"6332871" | "6334363" |
"6334856" | "6338790" |
"6350273" | "6350451" |
"6352514" | "6352523" |
"6353753" | "6364889" |
"6364890" | "6375627" |
"6379301" | "6379317" |
"6379324" | "6379969" |
"6387709" | "6391005" |
"6399394" | "6402701" |
"6402704" | "6409740" |
"6413410" | "6413411" |
"6421633" | "6428664" |
"6436256" | "6436721" |
"6440645" | "6451040" |
"6453810" | "6458258" |
"6461496" | "6462162" |
"6471903" | "6472220" |
"6475436" | "6475750" |
"6484046" | "6485439" |
"6488891" | "6491709" |
"6497845" | "6501404" |

"6503210" | "6503231" |
"6506168" | "6506575" |
"6508785" | "6514270" |
"6514460" | "6519241" |
"6520326" | "6527778" |
"6530892" | "6530937").
PN. OR ("6533949" |
"6537242" | "6537292" |
"6540672" | "6540675" |
"6540762" | "6540891" |
"6547954" | "6549796" |
"6551494" | "6555061" |
"6558361" | "6558402" |
"6558528" | "6561989" |
"6565808" | "6569157" |
"6571651" | "6572566" |
"6574490" | "6576101" |
"6576416" | "6587705" |
"6589260" | "6589261" |
"6591125" | "6592745" |
"6599407" | "6599693" |
"6602205" | "6602268" |
"6602678" | "6607658" |
"6616616" | "6616819" |
"6618934" | "6620112" |
"6623501" | "6626851" |
"6635222" | "6641533" |
"6645368" | "6652720" |
"6656702" | "6659966" |
"6660018" | "6671527" |
"6679841" | "6679852" |
"6706000" | "6706159" |
"6706232" | "6713660" |
"6719887" | "6719923" |
"6723111" | "6723371" |
"6723500" | "6726818" |
"6733493" | "6736777" |
"6740215" | "6743211" |
"6749792" | "6751491" |
"6752817" | "6759190" |
"6764496" | "6764581" |
"6767441" | "6773671" |
"6776888" | "6780645" |
"6780647" | "6783502" |
"6783537" | "6784274" |
"6786874" | "6787013" |
"6787109" | "6790327" |
"6790599" | "6792791" |
"6793632" | "6793633" |
"6793802" | "6797150" |
"6800488" | "6801041" |
"6801804" | "6802199" |
"6802811" | "6802957" |
"6805780" | "6808908" |
"6808937" | "6809807" |
"6811557" | "6811659" |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "6811753" \| "6811792" \| "6812031" \| "6814843" \| "6814844" \| "6814845" \| "6815186" \| "6816742" \| "6818180" \| "6821483" \| "6823750" \| "6825047" \| "6827250" \| "6827829" \| "6830551" \| "6830668" \| "6830669" \| "6833540" \| "6835184" \| "6835553" \| "6837858" \| "6837976" \| "6837988" \| "6840912" \| "6841052" \| "6843254"). PN. OR ("6847451" \| "6849052" \| "6849168" \| "6849216" \| "6850790" \| "6929631" \| "8800781" \| "D332490" \| "D342673" \| "D362719" \| "D379516" \| "D392391" \| "D393716" \| "D393717" \| "D403975" \| "D411619" \| "D424696" \| "D426638" \| "RE32922" \| "RE35803" \| "RE36268" \| "RE36991").PN. OR ("7229458").URPN. | | | | |
| S26 | 43 | "I36" needles | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/18 14:52 |
| S27 | 369 | "I36" automatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/18 14:52 |
| S28 | 15 | "I36" automatic inject | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/18 14:54 |
| S29 | 87 | 604/72.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/18 14:54 |

| S30 | 37 | ("2832339" \| "2888924" \| "3318021" \| "3380449" \| "3391695" \| "4004565" \| "4077406" \| "4223674"). PN. OR ("4518384"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/19 06:45 |
|-----|----|------|------|----|-----|------|
| S31 | 40 | ("0842631" \| "1109072" \| "1248613" \| "1347622" \| "2502909" \| "2850013" \| "2883984" \| "3520299" \| "3538916" \| "3669104" \| "3774607" \| "4154239" \| "4223674" \| "4400170" \| "4447223" \| "4518384" \| "4576591" \| "4637819" \| "4659326" \| "4673387" \| "4687465" \| "4762515" \| "4784640" \| "4787384" \| "4799921" \| "4976686" \| "5135493" \| "5147295" \| "5370611" \| "5522797"). PN. OR ("5817054"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/19 06:55 |
| S32 | 4 | "2002007142".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 06:56 |
| S33 | 2 | "20020007142".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 07:23 |
| S34 | 24 | hidden needle injector flex tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/19 09:39 |
| S35 | 8 | hidden needle injector flex tube vacuum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/19 09:40 |
| S36 | 10 | hidden needle injector flex tube vacuum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/19 09:44 |

| S37 | 296 | hidden needle injector vacuum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/19 09:45 |
|---|---|---|---|---|---|---|
| S38 | 1 | hidden needle injector vacuum near10 skin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/19 09:48 |
| S39 | 55 | needle injector vacuum near10 skin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/19 09:50 |
| S40 | 2 | "4503856".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/06/19 09:51 |
| S41 | 122 | ("0007560" \| "0007850" \| "0028697" \| "0034677" \| "0055521" \| "0055775" \| "0059306" \| "0060917" \| "2009562" \| "2542828" \| "2699784" \| "3030959" \| "3605743" \| "3612051" \| "3656472" \| "3659610" \| "3702608" \| "3702609" \| "3756242" \| "3941130" \| "4064871" \| "4078552" \| "4203446" \| "4230118" \| "4379456").PN. OR ("4503856").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/19 09:51 |
| S42 | 40 | (US-20040059286-$ or US-20020055707-$ or US-20050020969-$ or US-20030050592-$ or US-20020188419-$ or US-20020007142-$ or US-20070017533-$ or US-20060178634-$ or US-20060173408-$ or US-20050065472-$ or US-20020108614-$ or US-20040267160-$).did. or (US-7217253-$ or US-6669664-$ or US-6652483-$ or US-6645169-$ or US-6406456-$ or US-4004565- | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2007/06/19 11:03 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | $ or US-4518384-$ or US-4447223-$ or US-4164929-$ or US-7229458-$ or US-RE39014-$ or US-5522374-$ or US-5817054-$ or US-5522797-$ or US-5135493-$ or US-5080648-$ or US-5318522-$ or US-5370611-$ or US-2888924-$ or US-6599272-$ or US-6371939-$ or US-5295965-$ or US-4503856-$).did. or (US-3380449-$ or US-2888924-$).did. or (EP-1514565-$ or EP-1277487-$).did. or (US-20020007142-$).did. | | | | |
| S43 | 18 | ("4813940" \| "5104384" \| "5267972" \| "5292314" \| "5376080" \| "5389085" \| "5403286" \| "5520639" \| "5993412").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 11:03 |
| S44 | 0 | S42 S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/06/19 11:03 |
| S45 | 11 | "4790823", "6605058".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/06 06:59 |
| S46 | 30 | ((JOHN) near2 (SLATE)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 09:43 |
| S47 | 48 | ((ANDREW) near2 (BARNES)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 09:43 |
| S48 | 1 | ((COREY) near2 (MAGERS)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 09:43 |
| S49 | 376 | "604/181".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 09:43 |
| S50 | 156 | "604/136".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 09:44 |
| S51 | 2 | "US 20080039795" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/05/06 09:45 |
| S52 | 242 | "604/183".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/06 10:33 |

| S53 | 4 | "3380449".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 09:42 |
| S54 | 11 | ("3380449").URPN. | USPAT | OR | OFF | 2008/05/07 09:43 |
| S55 | 3 | "3391695".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 10:07 |
| S56 | 15 | ("3391695").URPN. | USPAT | OR | OFF | 2008/05/07 10:07 |
| S57 | 246 | 604/183.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 10:09 |
| S58 | 17 | 604/183.ccls. flexible near (tube or hose) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/05/07 10:11 |
| S59 | 53 | (US-20060178634-$ or US-20030050592-$ or US-20070017533-$ or US-20050065472-$ or US-20040059286-$ or US-20020007142-$ or US-20060173408-$ or US-20020055707-$ or US-20020188419-$ or US-20050020969-$ or US-20040267160-$ or US-20020108614-$ or US-20070142776-$ or US-20060069351-$ or US-20030105430-$).did. or (US-5522374-$ or US-5135493-$ or US-5817054-$ or US-5318522-$ or US-RE39014-$ or US-5522797-$ or US-2888924-$ or US-4518384-$ or US-6652483-$ or US-6406456-$ or US-7229458-$ or US-5370611-$ or US-4447223-$ or US-6371939-$ or US-6645169-$ or US-6669664-$ or US- | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/05/07 11:53 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 6599272-$ or US-7217253-$ or US-5295965-$ or US-4004565-$ or US-5080648-$ or US-4164929-$ or US-4503856-$ or US-4790823-$ or US-6605058-$ or US-5102393-$).did. or (US-5085642-$ or US-4795433-$ or US-4394863-$ or US-4291695-$ or US-3930761-$ or US-4241728-$ or US-5533978-$).did. or (US-2888924-$ or US-3380449-$ or US-3391695-$ or US-2645224-$).did. or (US-20020007142-$).did. | | | | |
| S60 | 38 | (US-20060178634-$ or US-20030050592-$ or US-20070017533-$ or US-20050065472-$ or US-20040059286-$ or US-20020007142-$ or US-20060173408-$ or US-20020055707-$ or US-20020188419-$ or US-20050020969-$ or US-20040267160-$ or US-20020108614-$).did. or (US-5522374-$ or US-5135493-$ or US-5817054-$ or US-5318522-$ or US-RE39014-$ or US-5522797-$ or US-2888924-$ or US-4518384-$ or US-6652483-$ or US-6406456-$ or US-7229458-$ or US-5370611-$ or US-4447223-$ or US-6371939-$ or US-6645169-$ or US-6669664-$ or US-6599272-$ or US-7217253-$ or US-5295965-$ or US-4004565-$ or US-5080648-$ or US-4164929-$ or US-4503856-$).did. or (US-2888924-$ or US-3380449-$).did. or (US-20020007142-$).did. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/05/07 11:53 |
| S61 | 38 | S59 S60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/05/07 11:53 |
| S62 | 160 | "604/136".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/29 15:08 |

| S63 | 54 | "604/137".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 05:26 |
|-----|-----|----------------|------------------------|-----|-----|------------------|
| S64 | 58 | "604/138".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 05:38 |
| S65 | 32 | "604/139".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 05:57 |
| S66 | 297 | "604/135".CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 06:03 |
| S67 | 77 | 73/864.87.CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 06:12 |
| S68 | 161 | 600/432.CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 06:27 |
| S69 | 759 | 604/65.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 07:33 |
| S70 | 98 | 604/62.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 07:33 |
| S71 | 50 | ("2832339" \| "2888924" \| "3318021" \| "3380449" \| "3391695" \| "4004565" \| "4077406" \| "4223674"). PN. OR ("4518384"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 08:11 |
| S72 | 91 | 604/194.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 09:44 |
| S73 | 548 | 604/195.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 10:14 |
| S74 | 79 | 604/184.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 10:39 |

| S75 | 495 | 206/364.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 10:53 |
|---|---|---|---|---|---|---|
| S76 | 490 | 206/380.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 11:14 |
| S77 | 236 | 206/382.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 11:22 |
| S78 | 16 | ("3438487" \| "3885669" \| "4383608" \| "4606455" \| "4684022" \| "4932821" \| "5090607" \| "5096061" \| "5452796" \| "5836732" \| "5931622").PN. OR ("6029814").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 11:32 |
| S79 | 49 | (US-20080058719-$ or US-20020050462-$ or US-20020128600-$ or US-20040039336-$ or US-20040039337-$ or US-20040069667-$ or US-20050171477-$ or US-20050203466-$ or US-20050273054-$ or US-20060030819-$ or US-20060247579-$ or US-20070100288-$ or US-20070111175-$ or US-20070135767-$ or US-20070149925-$ or US-20070239114-$ or US-20080015520-$ or US-20080051715-$ or US-20040256495-$).did. or (US-5658259-$ or US-4547189-$ or US-4875658-$ or US-5740782-$ or US-6298829-$ or US-6391003-$ or US-6428528-$ or US-5634909-$ or US-4628881-$ or US-RE33270-$ or US-5354286-$ or US-5681291-$ or US-5716203-$ or US-6099503-$ or US-5783742-$ or US-6129840-$ or US- | US-PGPUB; USPAT | OR | OFF | 2008/10/30 12:57 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 6595362-$ or US-6767336-$ or US-6979316-$ or US-7060054-$ or US-7357790-$ or US-5451210-$ or US-6183446-$ or US-4832693-$ or US-5749857-$ or US-6247592-$).did. or (US-6428517-$ or US-6475753-$ or US-6966899-$ or US-7124959-$).did. | | | | |
| S80 | 49 | 29/777.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 13:15 |
| S81 | 11 | ("3805783" | "4011685" | "4740203" | "5084031" | "5389070" | "5439452" | "5501666" | "5674193").PN. OR ("6010485").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 13:59 |
| S82 | 30 | ("1832533" | "2972991" | "3203455" | "4044758" | "4471765" | "4563175" | "4838855" | "4838857" | "4904243").PN. OR ("5389070").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/30 14:05 |
| S83 | 378 | 604/201.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/30 20:00 |
| S84 | 132 | ("2645224" | "2888924" | "20020007142" | "20020055707" | "20020108614" | "20020188419" | "20030050592" | "20030105430" | "20040059286" | "20040267160" | "20040267160" | "20050020969" | "20050065472" | "20060069351" | "20060173408" | "20060178634" | "20070017533" | "20070142776" | "3380449" | "3391695" | "3930761" | "4004565" | "4164929" | "4241728" | | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/31 08:08 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "4291695" \| "4394863" \| "4447223" \| "4503856" \| "4518384" \| "4790823" \| "4795433" \| "4518384" \| "4790823" \| "4813940" \| "5080648" \| "5085642" \| "5102393" \| "5135493" \| "5295965" \| "5318522" \| "5370611" \| "5522374" \| "5522797" \| "5533978" \| "5817054" \| "5104384" \| "5267972" \| "5292314" \| "5376080" \| "5389085" \| "5403286" \| "5520639" \| "5993412" \| "6371939" \| "6406456" \| "6599272" \| "6605058" \| "6645169" \| "6652483" \| "6669664" \| "6605058" \| "7217253" \| "7229458" \| "RE39014"). PN. | | | | |
| S85 | 2 | "3380449".PN. | USPAT; USOCR | OR | OFF | 2008/10/31 10:02 |
| S86 | 2 | "3391695".PN. | USPAT; USOCR | OR | OFF | 2008/10/31 10:02 |
| S87 | 50 | ("2832339" \| "2888924" \| "3318021" \| "3380449" \| "3391695" \| "4004565" \| "4077406" \| "4223674"). PN. OR ("4518384"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/31 11:26 |
| S88 | 52 | ("2620796" \| "3402712" \| "3774607").PN. OR ("4077406").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/31 11:26 |
| S89 | 36 | automatic injector multiple reservoir needle near5 (cartridge or magazine or reload) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 11:50 |
| S90 | 68 | automatic near5 (injector or syringe) multiple needle near5 (cartridge or magazine or reload) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 11:55 |
| S91 | 98 | S90 S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/31 11:56 |

| S92 | 6 | S90 S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/10/31 11:57 |
| S93 | 0 | automatic near5 (injector or syringe) multiple near5 needle near5 (cartridge or magazine or reload) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 12:01 |
| S94 | 15 | automatic (injector or syringe) multiple near5 needle near5 (cartridge or magazine or reload) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 12:01 |
| S95 | 649 | 604/232.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/31 12:05 |
| S96 | 229 | exchange near needle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/31 12:49 |
| S97 | 58 | syringe exchange near needle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/10/31 12:49 |
| S98 | 60 | (syringe or inject) exchange near needle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/10/31 12:49 |
| S99 | 74 | (syringe or inject) exchange near needle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 12:52 |

| S100 | 42 | needle near reload | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/02 07:03 |
|------|-----|--------------------|------|------|------|------|
| S101 | 23 | needle near loader | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/02 07:06 |
| S102 | 143 | needle near magazine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/02 07:09 |
| S103 | 1 | 1993-034549.NRAN. | DERWENT | OR | OFF | 2008/11/02 07:13 |
| S104 | 18 | ("5224596" \| "5285896"). PN. OR ("5829589"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/02 08:27 |
| S105 | 28 | ("2953243" \| "3381813" \| "4790827" \| "4874384" \| "4927018" \| "4961730" \| "4968304" \| "5127522" \| "5154698" \| "5197953" \| "5312370" \| "5393301"). PN. OR ("5971966"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/02 08:36 |
| S106 | 10 | ("4820277" \| "4875896" \| "4966591" \| "5486163" \| "5925032" \| "5971966" \| "6156012" \| "6500155"). PN. OR ("6736800"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/02 08:38 |
| S107 | 17 | ("2573311" \| "2771182" \| "4203518" \| "4383615" \| "4449630" \| "4524891" \| "4586614" \| "5150788" \| "5347078" \| "5451213" \| "5595296" \| "5799788" \| "5873462" \| "5971966"). PN. OR ("7134550").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/02 08:41 |
| S108 | 35 | inject needle near5 magazine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/11/02 08:56 |

| S109 | 27 | ("3888239" \| "3945383" \| "3948266" \| "4010747" \| "4059107" \| "4165800" \| "4196730" \| "4266541" \| "5026343").PN. OR ("5569190").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/02 09:01 |
|------|----|----|----|----|----|----|
| S110 | 16 | (US-20070142776-$ or US-20060069351-$ or US-20030105430-$).did. or (US-4790823-$ or US-6605058-$ or US-5102393-$ or US-5085642-$ or US-4795433-$ or US-4394863-$ or US-4291695-$ or US-3930761-$ or US-4241728-$ or US-5533978-$).did. or (US-3391695-$ or US-2645224-$).did. or (US-20020007142-$).did. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/11/02 10:11 |
| S111 | 38 | (US-20060178634-$ or US-20030050592-$ or US-20070017533-$ or US-20050065472-$ or US-20040059286-$ or US-20020007142-$ or US-20060173408-$ or US-20020055707-$ or US-20020188419-$ or US-20050020969-$ or US-20040267160-$ or US-20020108614-$).did. or (US-5522374-$ or US-5135493-$ or US-5817054-$ or US-5318522-$ or US-RE39014-$ or US-5522797-$ or US-2888924-$ or US-4518384-$ or US-6652483-$ or US-6406456-$ or US-7229458-$ or US-5370611-$ or US-4447223-$ or US-6371939-$ or US-6645169-$ or US-6669664-$ or US-6599272-$ or US-7217253-$ or US-5295965-$ or US-4004565-$ or US-5080648-$ or US-4164929-$ or US-4503856-$).did. or (US-2888924-$ or US-3380449-$).did. or (US-20020007142-$).did. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/11/02 10:11 |

| S112 | 47 | (US-20070142776-$ or US-20060069351-$ or US-20030105430-$ or US-20040015134-$ or US-20010014792-$ or US-20060229652-$).did. or (US-4790823-$ or US-6605058-$ or US-5102393-$ or US-5085642-$ or US-4795433-$ or US-4394863-$ or US-4291695-$ or US-3930761-$ or US-4241728-$ or US-5533978-$ or US-1539637-$ or US-6010485-$ or US-1930929-$ or US-1831668-$ or US-5743872-$ or US-6641565-$ or US-1496126-$ or US-3827601-$ or US-3203455-$ or US-6893420-$ or US-4378015-$ or US-7207974-$ or US-6689108-$ or US-3824859-$ or US-4518384-$ or US-4223674-$).did. or (US-6029814-$ or US-2453590-$ or US-2460039-$ or US-5829589-$ or US-5224596-$ or US-5968021-$ or US-5569190-$).did. or (US-3391695-$ or US-2645224-$ or US-0857739-$ or US-2453590-$ or US-2691372-$ or US-1930929-$).did. or (US-20020007142-$ or SU-1717148-$).did. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/11/02 10:11 |
|------|----|-----|-----|-----|-----|-----|
| S113 | 2  | S112 S111 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/11/02 10:11 |
| S114 | 16 | S112 S110 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/11/02 10:13 |
| S115 | 0  | ("2008/0039795").URPN. | USPAT | OR | OFF | 2009/05/09 13:18 |
| S116 | 31 | ((JOHN) near2 (SLATE)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/09 13:21 |
| S117 | 50 | ((ANDREW) near2 (BARNES)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/09 13:21 |

| S118 | 1 | ((COREY) near2 (MAGERS)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/09 13:21 |
|---|---|---|---|---|---|---|
| S119 | 80 | S116 S117 S118 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/09 13:21 |
| S120 | 8 | S119 and flex | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/09 13:21 |
| S121 | 164 | ("1539637" | "2645224" | "2691372" | "2888924" | "20020007142" | "20020055707" | "20021108614" | "20020188419" | "20030050592" | "20030105430" | "20040059286" | "20040267160" | "20040267160" | "20050020969" | "20050065472" | "20060069351" | "20060173408" | "20060178634" | "20070017533" | "20070142776" | "3380449" | "3391695" | "3930761" | "4004565" | "4164929" | "4223674" | "4241728" | "4291695" | "4394863" | "4447223" | "4503856" | "4518384" | "4790823" | "4795433" | "4518384" | "4790823" | "4813940" | "5080648" | "5085642" | "5102393" | "5135493" | "5295965" | "5318522" | "5370611" | "5522374" | "5522797" | "5533978" | "5569190" | "5817054" | "5829589" | "5104384" | "5267972" | "5292314" | "5376080" | "5389085" | "5403286" | "5520639" | "5993412" | "6010485" | "6371939" | "6406456" | "6599272" | "6605058" | "6641565" | "6645169" | "6652483" | | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/09 13:28 |

| | | "6669664" \| "6689108" \| "6893420" \| "6605058" \| "7207974" \| "7217253" \| "7229458" \| "0857739" \| "RE39014").PN. | | | | |
|---|---|---|---|---|---|---|

**5/11/2009 10:40:32 AM**
**C:\ Documents and Settings\ manderson\ My Documents\ EAST\ Workspaces\ 11463529a.wsp**